

Amendments to the Claims

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

1. (currently amended) An alarm system for alerting the operator of a vehicle having a motorized drive, the alarm system comprising:

- a. a sensor for sensing a specified condition of the vehicle; and
- b. a controller for causing the ~~vehicle~~motorized drive, in response to the specified condition, to ~~be accelerated~~accelerate the vehicle with a vehicle acceleration modulated with a periodic modulation such that the vehicle acceleration alternates between braking and speeding up and braking over each period of the modulation

wherein the vehicle includes a control loop in which a motorized drive is included, for propelling the vehicle in a condition of dynamic balance with respect to tipping in the fore-aft plane..

2. (canceled)

3. (currently amended) An alarm system according to claim 21, wherein the controller provides an input to the control loop upon occurrence of a specified condition, the input having a periodic factor.

4. (original) An alarm system according to claim 3, the input further having a multiplicative coefficient.

5. (original) An alarm system according to claim 3, the input contributing differentially to a torque applied to a left wheel and a torque applied to a right wheel.

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6. (original) An alarm system according to claim 1, the specified condition including at least one of low battery power, a specified vehicle speed, and receipt by the controller of conflicting values from redundant subsystems.

7. (canceled)